Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1-9 (canceled)

Claim 10 (currently amended): A method for transmitting data in a multi-carrier system to which a frequency band is assigned, for which carrier frequencies are subdivided into at least one sub-carrier band dividing the frequency band, the method comprising:

monitoring a transmission channel characteristic;

performing, on a send side and depending on ~~current~~ the transmission channel characteristic~~characteristics~~, an adaptive pre-emphasis of a send signal for a part of the carrier frequencies of the at least one sub-carrier band, the part of the carrier frequencies being a subset of the at least one sub-carrier band; and

providing that the adaptive pre-emphasis relates only to the part of the carrier frequencies of the at least one sub-carrier band.

Claim 11 (previously presented): A method for transmitting data as claimed in claim 10, wherein the pre-emphasis is performed by at least one of a filtering and a windowing in at least one of a time and a frequency range.

Claim 12 (previously presented): The method for transmitting data as claimed in claim 11, wherein the filtering is performed by a signal filter which exhibits substantially high filter rates of change in the frequency range.

Claim 13 (previously presented): A method for transmitting data as claimed in claim 11, wherein a window function is used which is embodied such that the windowing is executed in the time range with an oversampling being used to achieve high-filtered rates of change in the frequency range.

Claim 14 (previously presented): A method for transmitting data as claimed in claim 13, wherein the window function is one of a Blackman, Bartel, Kaiser, and Papoulis window function.

Claim 15 (previously presented): A method for transmitting data as claimed in claim 10, wherein the multi-carrier system is used in combination with an FDMA method.

Claim 16 (previously presented): A method for transmitting data as claimed in claim 15, wherein the FDMA method is an OFDMA method.

Claim 17 (previously presented): A method for transmitting data as claimed in claim 10, wherein the pre-emphasis is limited to carrier frequency in edge areas of the at least one sub-carrier which is assigned to one user.

Claim 18 (previously presented): A method for transmitting data as claimed in claim 17, wherein the edge areas border on other sub-carrier bands.

Claim 19 (previously presented): A method for transmitting data as claimed in claim 13, wherein a value of a first symbol duration assigned to one of the emphasized carrier frequencies remains the same, and wherein, with regard to one of the time range windowing and the frequency range filtering, an overall length of a time range window not exceeding an OFDM useful symbol duration as well as a duration of a cyclic prefix and a necessary rate of change of the sub-carriers is determined by the oversampling.

Claim 20 (currently amended): A transmit device for transmitting data in a multi-carrier system to which a frequency band is assigned, of which carrier frequencies are subdivided into at least one sub-carrier band subdividing the frequency band, comprising:

parts for monitoring a ~~determining current~~ transmission channel characteristic ~~characteristics~~; and

parts for pre-emphasis of a certain part of the carrier frequencies of the at least one sub-carrier frequency of a send signal, which is adaptively performed depending on the transmission channel characteristic such that the pre-emphasis relates only to the certain part of the carrier frequencies of the at least one sub-carrier band, the certain part of the carrier frequencies being a subset of the at least one sub-carrier band.